

Mimulus Memo



Native Plant Gardening At the Moment

by Monica Tudor

JANUARY 2014

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EVENTS

JANUARY

- 16 — Annual Potluck, 6 pm
Program: "Plants of
Kern Canyon," 7 pm

FEBRUARY

- 20 — Meeting: Plant ID, 6 pm
Program: "Unusual Plants,
Unusual Places," 7 pm
- 22 — Field Trip:
Las Pilitas Nursery

MARCH

- 8 — Field Trip: Atwell Island
- 15 — Field Trip: Tejon Ranch
- 20 — Meeting: Plant ID, 6 pm
Program: "Rare Plant
Associations," 7 pm

AT THE MOMENT, MY CALIFORNIA GARDEN IS SLOWLY MORPHING into its cold-weather phase. The California fuchsia is still holding on to its vibrant orange blooms but the California aster is setting seed. The Lipstick salvia and May night salvias are still going strong and

Now is the time I think about planting seeds, dividing plants and starting cuttings.

the overwintering hummingbirds chasing each other through the Desert-willow and palo verde provide lots of aerial action.

Now is the time I think about planting seeds, dividing plants and starting cuttings. It's a great way to multiply what you've got, and, with a little planning, to share with other gardeners. In the past, I've cut twigs from various plants to see if they'd root. Buttonwillow and California grape will set roots easily, and so will *cistus*. Sometimes the cuttings go directly into the garden where I want the new plants, and sometimes the cuttings go into pots. What kind of soil for the pots? I've only used dirt from my garden, since that's what the plants have to grow in the rest of their lives. If you don't want to wait for roots, dividing plants is an easy way to get instant new plants. Deer grass

providing shelter and blooms. The Cleveland sages have a handful of blue blooms here and there. The Valley oak's leaves are still green, but the Crimson Spire™ oaks have turned a reddish brown. So although the seasons are changing, the garden still has color and butterflies — although not as many — and of course



Sages, oaks and mesquite, showing their colors.

At the Moment *(Continued)*

is easy to split and replant. I've dug out the plant and used my shovel to split it into 4 sections, then planted the sections elsewhere in my garden. California asters are another easy plant to multiply; just dig up a shovelful of plant with roots and put it where you want it. Just remember that the new plants will grow much better if they have regular water the first year. I'll gather seeds from desert marigold (*Baileya multi-radiata*) and scatter them where I want new plants. They're also easy to transplant in early spring; just move them before they get more than 2 or 3 inches tall. If you're going to plant California poppies or other wildflowers, I'd recommend mixing the seed with fine sand, otherwise you'll seed the plants too close together and they won't grow as well (I'm speaking from experience). The Desert-willows will also seed themselves. Usually I treat those as weeds and just pull them up.

What else needs to be done?

What else needs to be done? Weeding, of course. The path through my garden is packed dirt, but it is now sprouting with grass and weeds, courtesy of the nice rain we got before Thanksgiving. Weeds are easy

to control with a hula hoe, as long as it's done when they are small. This time of year the garden overflows the railroad-tie edging and the plants start to cover the path. It looks like a California cottage garden — kind of cool. In some places the path has narrowed to only a foot wide because of the exuberant plants. I'll eventually cut the plants back, usually later in the season. Within the garden beds, I wait to clean the tops of the Midnight salvias until they turn black from frost. They'll sprout back in the spring and provide blooms for butterflies and the big black bees. The Lipstick salvias will take over if allowed, so they get whacked by about a third.

Weeding, of course!

I don't get to the garden much during the week once daylight savings time ends. Come the weekend, though, that's where I'll be. I love to hear hummers "chipping," see what's growing, and smell the scent of leaves and dirt. I thank God, who provides this sensory perfume and brings me peace, joy, and comfort. 🌱



An overgrown path.

Thank you to:

Richard Shiell for an informative program on xeriscaping.

Josie Crawford, CNPS Sacramento, for information on state programs available to the chapter.

Maynard Moe, Rich Spjut and Clyde Golden for expert keying instruction.

Jon Hammond for sharing his knowledge and familiarity with California native oaks

Dorie Giragosian, Lucy Clark, Sasha Honig, Heather and Guinevere Ellison and unnamed others for bringing refreshments.

All of the people who offered to take on a task to keep Kern CNPS moving forward.

FIELD TRIPS

by Lucy Clark, Patty and Dale Gradek

KERN CNPS FIELD TRIPS are open to all. Occasionally, numbers will be limited by the land-owners or agencies. We welcome you to join us to see and learn about our native plants and their habitats, to learn to identify plants, or to photograph them. If you are skilled in plant identification, you can help us all learn.

Please always dress in layers, wear boots or shoes you can hike in and bring food and water. You may also want to bring a hat, sunscreen, binoculars, cameras, plant list and useful references such as *Kern County Flora* and the *Jepson Manual*, or any book you like. We try to meet at a spot where we can park some cars and car pool to our location to save the air, the gas, the money and make sure that on a "roadside" trip that we will have adequate space to park. CNPS does not arrange car pools; each person does so at the meeting place.

All trips are by reservation only, so we know whom to expect, and how many will be attending each field trip. Each trip will have the contact person listed. Please email the contact person by two days before the field trip and indicate the names of those who will attend.

IMPORTANT: If your or your party's plans change and you will not be attending, it is critical for safety, planning and courtesy reasons – that you call or e-mail the contact person and let them know you will not be there

February 22, Saturday

LAS PILITAS NATIVE PLANT NURSERY
Santa Margarita, CA
Contact: **Lucy Clark** – lucyg391@gmail.com
RSVP Deadline: **8 pm, Thursday, February 20th**

GARDENERS' ALERT! Here is a full-day field trip for you! And anyone else interested in growing natives! Please look at the nursery's fabulous and educational website www.laspilitas.com. As we near the date, look for Kern plants available on the site.



Then meet us at 7:30 am at the Park-and-Ride on the SW corner of Stockdale and HWY 99, east of Kaiser Permanente. Car pools will form there and we will depart shortly. We will explore the nursery, founded by two ex-Bakersfieldians, see how the plants are grown, purchase a FEW, and plan to start our return at 3 pm at the latest. Bring a lunch and water, as the



Photo: Bureau of Reclamation

Annual flowers on Atwell Island restored retired land.

nursery is in a rural area.

March 8, Saturday

ATWELL ISLAND with **Jihadda Govan**
(and possibly PIXLEY VERNAL POOLS)
Contact: **Lucy Clark** – lucyg391@gmail.com
RSVP Deadline: **8 pm, Thursday, March 6th**

Atwell Island in Tulare County is a BLM property purchased from farmers and re-vegetated with Valley natives for the purpose of providing habitat for threatened, endangered, resident and migratory birds. It is an interesting view of what the Valley might have looked like before dams and development. For information, please look at their website:

http://www.blm.gov/ca/st/en/fo/bakersfield/Programs/atwell_island.html

This will be a drive-and-walk trip, with opportunities to learn what all of those plants we see



Photo: www.laspilitas.com

Las Pilitas Nursery, — Santa Margarita, CA — entrance with *Fremontodendron*.

from our car windows really look like. We will be guided by **Jihadda Govan**, the BLM-Atwell Island Project Manager.

This may be a half-day trip unless rain has fallen and the vernal pools have formed at the **Pixley Preserve**. Please read about this preserve held by the **Center for Natural Lands Management** at their website:

http://www.cnlm.org/cms/index.php?option=com_content&task=view&id=66&Itemid=213

and see the pictures of this amazing land and plant formation.

We will meet at 7:30 am to form carpools (reflecting your time constraints) behind the Del Taco on Merle Haggard between HWYs 65 and 99, in the far back parking lot. We will leave ASAP. Bring a lunch and water. Please contact **Lucy** at the above address to RSVP. We should know by then if the Pixley Preserve has had enough rain to form the pools.

Photo Scott Pipkin, Tejon Ranch Conservancy



San Joaquin Valley from White Wolf.

March 15, Saturday
VALLEY FRINGE PORTION
OF TEJON RANCH
with **Scot Pipkin**

Contact: **Patty Gradek** – pattygradek@gmail.com
RSVP Deadline: **8 pm, Thursday, March 13th**

Scot Pipkin, Public Access Coordinator for the **Tejon Ranch Conservancy**, will be leading us on an early spring field trip through the portions of the Ranch that border the Valley. The Tejon Ranch is a beautiful place in the spring and we're hoping for great displays in these lower elevations. Plan on this being a full-day trip. The meeting place and time will be determined later so we can see the best displays. Those who RSVP will be given the meeting place and directions and the time we will meet. **Pets and smoking are not allowed on the Tejon Ranch.**

You may want to bring the Tejon Ranch Plant List available on our chapter web site: kern.cnps.org, as well as any other references that are appropriate. If you have a four-wheel drive or an AWD, please bring it to help fellow members. Please notify **Patty Gradek** at pattygradek@gmail.com if you plan to attend, by 8 pm on March 13th. We have also invited interested members of the **San Luis Obispo Chapter** to come. We have to inform the Conservancy of the numbers that will be attending. We will also be accompanied by docents for the Conservancy who will be learning along with us!

April 5, Saturday

SHELL CREEK ROAD AREA

with the **San Luis Obispo Chapter**

Contact: **Patty Gradek** – pattygradek@gmail.com

RSVP Deadline: **8 pm, Thursday, April 3rd**

This field trip was scheduled and then canceled last year, due to low rainfall and poor conditions. We are planning again to join members of the San Luis Obispo Chapter for their annual field trip to this beautiful area. This area is to the northwest of the **Carrizo Plain National Monument** and has a spectacular abundance and variety of wildflowers in a good rainfall year. The field trip planners for the SLO chapter are still developing their plans for this trip. We will plan to meet at the parking lot of the BLM office at 3801 Pegasus Drive, but the exact time will be given to those who RSVP. This will be a full-day trip since the drive to the site is at least two hours. It is well worth it for any of you who have not seen this area!

Please RSVP to pattygradek@gmail.com by 8 pm on April 3. Patty will give you the time we will meet and further details on the trip.

April 12, Saturday

CARRIZO PLAIN NATIONAL MONUMENT
with **Denis Kearns**

Contact: **Patty Gradek** – pattygradek@gmail.com

RSVP Deadline: **8 pm, Thursday, April 10th**

This is another field trip that was scheduled and then canceled last year, due to low rainfall and poor conditions. This is an area that delights plant enthusiasts and creates lasting memories so we're hoping for much better conditions this spring!

Denis Kearns, BLM Botanist, will lead us on this trip. The trip will be limited to 20 people due to limits prescribed for such tours in the BLM Management Plan. Therefore, if you want to attend we suggest you contact **Patty Gradek** at pattygradek@gmail.com early, because **no more than 20 will be allowed to participate.**

Photo: Antandrus at en.wikipedia



Field of *Monolopia lanceolata* and *Amsinckia*, Carrizo Plain National Monument.

The Carrizo Plain is a magical, beautiful place – especially in the spring. We may see fiddleneck, filaree, tidy tips, thistle sage, owl's clover, *encelia*, *eriophyllum*, Parry's mallow and larkspur. Denis may have us assist with plant monitoring for a portion of the day.

Please meet at the parking lot of the BLM office at 3801 Pegasus Drive at 8:30 am for carpooling. It will be best to use four-wheel drive or high-clearance vehicles to get to some of the special sites. We will leave promptly at 8:45 am. This will be a full-day field trip. There are restrooms at the Visitor Center.

April 19, Saturday

MILL CREEK OFF OLD KERN CANYON ROAD
with **Clyde Golden**

Contact: **Lucy Clark** – lucyg391@gmail.com
RSVP Deadline: **8 pm, Thursday, April 17th**

This is a relatively close place to see many beautiful plants along a fairly level trail, from the hemiparasitic, naked broomrape, to California Indian pink, to a tiny yellow and white Poppy. Hopefully, we will also be able to see in Mill Creek, the California newt, known by the writer as the "red gummy newt," in its most southern habitat. We look forward to seeing many of the plants in Clyde Golden's photos, viewed at the January 16th Pot Luck.

This trip can be a half-day or a whole-day trip, depending on your needs. Meet at the Tuesday Morning store's parking lot on Fairfax and Auburn, off HWY 178 at 7:30 am to form carpools. People who need to leave before or just after lunch can ride together. Bring lunch and water. Boots not needed, unless there has been recent rain.

Please bring your Easter guests, and show them Kern's interesting and beautiful native plants.

April 26, Saturday

THE NATURE CONSERVANCY PROPERTIES
with **Zach Principe**

Contact: **Lucy Clark** – lucyg391@gmail.com

RSVP Deadline: **8 pm, Thursday, April 24th**

The Nature Conservancy now owns/ manages or holds conservation easements over three ranches north of Caliente off Hwy 58, at elevations from 1,000 to 5,800 feet. Last year we explored several of these beautiful properties with Zach, ecologist of the TNC. The plant viewing and keying were great! Zach will lead us again into places most of us will not have seen before, to help him list the native plants there. This will be a full-day trip, so bring your lunch, snacks, and water. This is a driving trip with stops to get out and look at plants, see the



Owl's clover on Mill Creek off old Kern Canyon Road.

grand views, and picnic in a beautiful place! Meet at the Taco Bell parking lot at 8 am, corner of HWY 58 and Weedpatch HWY (184), to form carpools. We will meet Zach at 8:45 am at the US Post Office in Caliente. Please bring your four-wheel drive vehicle if you have one; depending on the best location as determined by Zach, there will be steep hills. Tehachapi and Mojave folks are welcome to meet us in Caliente.

Please contact Lucy as listed above, and let her know how many people you can help carry in your four-wheel drive.

Photo: Dinah Campbell

May 4, Sunday

California Living Museum

with Don and Vonnice Turkal

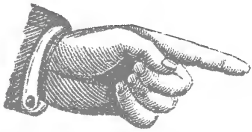
Contact: Lucy Clark – lucyg391@gmail.com

RSVP Deadline: 8 pm, Thursday, May 2nd



GARDENERS' ALERT #2! Join us for a plant community tour of CALM, our local native plant garden and California critter zoo. This is an opportunity to see native plants, full-sized, out of a one-gallon pot, and perhaps in bloom at this lovely time of year. Don and Vonnice are CNPS members and docents at CALM, and have developed an information sheet for other docents, which they will offer to us.

Meet at CALM, 10500 Alfred Harrell HWY, at 1pm for a two-hour tour of plants which are grouped in their plant communities, so water can be regulated to their needs. The cost will be **\$9 for non-CALM members**, **\$7 for seniors**, a donation to keep this wonderful, educational addition to Bakersfield and Kern County functioning. Perhaps you will want to join!



Mark your calendars: We're planning a field trip for **Saturday, May 3rd** to the **Bitter Creek National Wildlife Refuge** or the **Los Padres National Forest**. Another trip is being planned to the **Tejon Ranch** on **Saturday, May 10th**. Details on these trips will be in the next *Mimulus Memo*. ❁



Photo: Rich Spjut

Nolina parryi (Parry's Nolina) with big sage brush (*Artemisia tridentata* ssp. *vaseyana*) in foreground.



POSSIBLE MID-WEEK FIELD TRIPS

THE CHAPTER IS ALSO PLANNING MIDWEEK field trips depending on winter rains, seasonal temperatures and weather forecasts. Members will be notified by e-mail when these field trips are scheduled, along with meeting place, time and approximate duration.

Richard Spjut, Botanist and Vice President of the Kern Chapter, would schedule the following possible trips:

East Kern Canyon Trail along the Kern River near the southwest area of Lake Isabella. This could be scheduled in late March if conditions permit. The trail begins at Hwy 178 and Delonegha Road. There are gradual elevation changes as the trail parallels the river through open hillsides of grass and oak. The trail ends at Keyesville. There can be excellent wildflower displays along this trail from mid-March to late April.

Fay Ranch Road Ecological Preserve near Lake Isabella could be scheduled in early April. There is limited parking in this area.

Long Canyon Research Natural Area could be scheduled in mid-April. It is reported to have many rare plants.

Telephone Ridge in the Greenhorn Mountains is approximately two miles west of Sunday Peak. This trip could be scheduled in late April.

Northeast of Tehachapi. This area includes the canyons and ridges east of Mountain Spirit Temple and west of the Pacific Crest Trail. This trip could possibly be scheduled in May.

Bull Run Creek in the Greenhorn Mountains could also be possibly scheduled in May. A trail starts at the end of the Cow Creek Road, 1¼ miles north of Greenhorn Summit on Forest Hwy 90. Four-wheel drive is required for the last ½ mile of the road. The trail descends Cow Creek and to Bull Run Creek. It turns upstream and climbs gently 1½ miles into Bull Run Basin. A moderate climb up a ridge ends at Road 24S35.

Chapter members Patty and Dale Gradek would also like to return to the **Case Mountain area** near Three Rivers. It's a beautiful area managed by BLM and we could schedule that trip for late March or early April. ❁

CARL SHARSMITH (1903-1994): Noted Botanist, Legendary Naturalist, and Lifelong Friend

by Nancy Nies

IN 1923, AT THE AGE OF TWELVE, NELSON NIES joined an outdoor organization for boys, based in Los Angeles, called the Trailfinders — and began a lifelong friendship with Carl Sharsmith, then twenty and a Trailfinder leader, who was destined to become a noted professor of botany at San Jose State University and a legendary ranger-naturalist in Yosemite.

Over the years, Nelson (1911-1990) was to become a mountaineer, a research chemist, and a traveler, as well as my father. His early experiences with Carl and the Trailfinders gave him a love of the mountains and a close friendship, both of which would last the rest of his

life. Young Nelson participated in three memorable trans-Sierra treks led by Carl, during the summers of 1927, 1928, and 1929. In his daily journals, Nelson recorded the scientific names of trees and flowers Carl identified as they hiked, and wrote that Carl collected plant specimens. This was an early indication of Carl's interest in botany, as he was not to obtain his B.A. from UCLA until 1933 and his Ph.D. in botany from Berkeley until 1940.

Carl attended the Yosemite School of Field Natural History in 1930, and the next year was hired as the first seasonal ranger-naturalist in Tuolumne Meadows. In that capacity, Carl would spend more than sixty summers in his beloved Tuolumne, the setting for my own memories of him. I remember Carl in the 1950s and 60s, leading hikes and campfire programs, speaking reverently of flora and fauna, peaks and glaciers, or making us laugh with funny stories and songs. I remember Carl in the early 70s, making an overnight backpack to the Dana Glacier and Dana Plateau with my father and me. And I remember Carl in the early 90s, no longer able to walk far, sitting in

a chair in the meadow and regaling his listeners with his "Reminiscences." Carl received the National Park Service Meritorious Service Award in 1956 and the first Yosemite Award in 1981. He finally retired from NPS in 1993 at age ninety, the oldest active ranger in NPS history — but spent his last summer in Tuolumne, his true home.

Though I knew Carl, I did not know much about his "other life" of university teaching and research, mostly as a professor of botany at San Jose State from 1950 to 1973. I have recently read that he was the first botanist to do extensive research on the alpine flora of the High Sierra, gathering thousands of specimens and publishing papers. I have also learned that SJSU's 15,000-sheet Carl W. Sharsmith Herbarium consists mainly of native California plants, and that Carl worked on it during his many years as both professor and professor emeritus, personally determining and mounting each species.

In *Fremontia* (April 1995), Laura Sefchik writes that Carl was a CNPS Fellow, led local chapter outings, and gave \$25,000 to CNPS in 1984 in memory of Helen Sharsmith, his wife, also a botanist of note. Sefchik goes on to say that Carl discovered many plants, authoring four, and had two plants named for him—*Hackelia sharsmithii* (forget-me-not family) and *Draba sharsmithii* (mustard family).

In 2012, I gave the Yosemite Archives more than fifty letters that Carl Sharsmith wrote to Nelson Nies between 1932 and 1989, along with old photos and other memorabilia — a collection attesting to a lifetime of friendship and achievement. Like my father, I feel fortunate to have known Carl, and to count myself among the tens of thousands of people he inspired in the course of his long life. ❁

Left to right: John Pearne, Carl Sharsmith and Nelson Nies on return from High Sierra trek, 1929



Photo: National Park Service

Yosemite Ranger-Naturalist
Carl Sharsmith



Photo courtesy Nancy Nies

CNPS Has a New Horticulture Program Director

by Stacy Flowerdew

EXCITING NEWS: FOR THE FIRST TIME IN OUR history, the California Native Plant Society now has a full-time staff Horticulture Program Director! CNPS sought a director who could help chart the course of California's oldest and most recognized native plant gardening program.

Susan Krzywicki comes from our San Diego chapter, where she helped to grow that chapter's horticulture program. She worked to build a successful garden tour, deliver training symposia, and engage thousands of San Diegans in growing native plants. While doing this, Susan has also helped other groups in adopting and promoting California native plant horticulture.

Native plant horticulture is increasingly popular and is catching on with gardeners, homeowners' associations, and public entities across the state. It is a fun and effective approach that saves water and helps pollinators. This widespread acceptance is in large part due to our CNPS membership, and in the coming years we will continue to spread the word and encourage these gardening techniques.

The Horticulture Program is ramping up, and we are looking forward to input from members throughout the state. As we set plans in motion, it is crucial to focus on what works at a local level and how we can base our programs on a sound scientific footing that can help gardeners throughout the state to succeed. Please welcome Susan and send any suggestions or ideas to skrzywicki@cnps.org. ☘



Photo: Bob Hoffmann Photography

Susan Krzywicki, CNPS Horticulture Program Director

Chapter Meetings

upcoming TOPICS



Thursday, January 16, 2016 - 6 pm:

ANNUAL POTLUCK

We'll skip the plant keying/identification portion of the meeting and start the potluck at 6 pm instead. The potluck will be followed by a program on the "*Flowers of Kern Canyon*" presented by **Lucy Clark** and **Clyde Golden**.

Please e-mail **Patty Gradek** at pattygradek@gmail.com with what you would like to bring, or just bring your favorite dish to share. Paper plates and plastic utensils will be provided.

Thursday, February 20, 2014 - 7 pm:

Maynard Moe, former CSUB Professor and author of Twisselman-Moe's key to the plants of Kern County will present "*Fat Plants, Rock Plants, Window Plants and Upside-Down Plants*" featuring plants of Yemen, Socotra, South Africa, Namibia and Madagascar.

Thursday, March 20, 2014 - 7 pm:

Rich Spjut, a professional botanist and our chapter vice president will give a program entitled "*Rare Plant Associations*."

Thursday, April 17, 2014 - 7 pm:

TBA.

All chapter meetings are held the 3rd Thursday of each month at the Hall Ambulance Community Room 1031 21st Street (21st & N St.), Bakersfield, CA.

Meeting times:

6 pm — Plant identification

7 pm — Program presentation



CNPS 2015 Conservation Conference: *Offers Registration Rebates to Volunteers*

MOST OF YOU RECEIVED THE SAVE-THE-DATE postcard in the mail recently and know that we are knee-deep in planning the **Big Party, the 50th Anniversary year kick-off event: the CNPS 2015 Conservation Conference: 50 years of progress and promise!** It will take place in **San Jose**, at the Double-Tree by Hilton, **January 13-17, 2015**. Workshops and field trips will be on **Tues** and **Wed**, the **13th** and **14th** and the scientific conference will be **Thurs-Sat, Jan 15-17**. We have lots of space this year with almost the entire hotel to — meeting rooms galore and sleeping accommodations, all in one building. We even have our own disco bar with stage and sunken mosh pits. It's plush and easy.

This event takes a village to put together! Several hundred volunteers contributed their knowledge and talents for the last two conferences and we will need lots of help this time too. If you would like to get in on this high-energy event, we have lots of opportunities for participation. Help make this an event to remember by lending your talents, be they herding cats, planning a field trip, presenting your research, or expressing your love of native flora through the arts.

There are great registration rebates available for volunteers. If you jump in on a planning committee and put in 32 hours or more over the next year, you may ask for a full rebate. If you take a smaller commitment or volunteer during the conference you will be eligible for a partial rebate. All volunteers must be current CNPS members.

Right now we need assistance for several key planning committees:

- **Outreach Committee** – 2 people
- **Volunteer Coordinator** – 2 people
- **Arts Committees – Botanical Arts, Landscape Art, Photography, Poetry reading, and Music** – 2-3 people each
- **Audio Visual coordinators** – 2 people

- **Field Trips Coordinators** – 2-3 people (should be local to San Jose or Bay Area)
- **Silent and live auctions and Drawing** – up to 5 people
- **Media and Publicity** – 2-4 people (1-2 should be local to San Jose or Bay Area)
- **Local Information** (things to do and see in the San Jose area) – 1 person (local to San Jose or Bay Area)
- **Santa Clara Valley Chapter liaison**
- **East Bay Chapter liaison**

If you have interest or just curiosity about any of the above, contact **Josie Crawford** at jcrawford@cnps.org or call (916) 447-2677, for complete job descriptions for each position. ☘

Northern California Botanists to Present a Symposium

ON JANUARY 13 THROUGH 14, 2014, the Northern California Botanists* will be presenting a two-day symposium titled: "*Northern California Plant Life: Botany for a Changing World,*" to be held at California State University, Chico.

The symposium will include an exciting line-up of topics ranging from alpine ecology to Northern California botanical discoveries, and a third day of workshops to choose from. The symposium will also include an evening reception and banquet with keynote speaker **David Ackerly**, of the University of California Berkeley, addressing "*Climate Change and Conservation.*" Also included: a poster session, reception, banquet, keynote speaker. Student stipends available.



The symposium is open to anyone: botanical enthusiasts, professionals, and students.

For a detailed program and registration information, see: www.norcalbotanists.org. On-line registration closes January 10.

***The Northern California Botanists** is an association of botanists in the Northern California region with the purpose of increasing knowledge and communication about botanical issues concerning science, conservation, education, and professional development. ☘

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- Field Trips – Patty Gradek..... pattygradek@gmail.com
- Lucy Clark..... lucyg391@gmail.com
- Clyde Golden..... cgold666@hotmail.com
- Secretary – Sasha Honig..... andy5@bkc.tr.com
- Newsletter – Dinah Campbell..... mimulus.memo@gmail.com



CALIFORNIA
NATIVE PLANT SOCIETY

The Kern Chapter of the California Native Plant Society meets the third Thursday of each month at Hall Ambulance Community Room, 1013 21st St. (21st & N St), Bakerfield, CA. Chapter Website: kern.cnps.org

The California Native Plant Society is a non-profit organization dedicated to the conservation of California native plants and their natural habitats, and to increasing the understanding, appreciation, and horticultural use of native plants. CNPS has 31 chapters throughout the state and membership is open to all persons — professional and amateur with an interest in California's native plants. Members have diverse interests including natural history, botany, ecology, conservation, photography, drawing, hiking and gardening. As a Kern County resident, your membership includes Fremontia, a quarterly journal with articles on all aspects of native plants; the Bulletin, a statewide report of activities and schedules; and The Mimulus Memo, the newsletter of the Kern Chapter.

Join CNPS or renew your membership online at www.cnps.org.

Student/ Limited Income – \$25

Individual – \$45

Family or Library – \$75

SPRING FIELD TRIP DATES & DESCRIPTIONS
NATIVE PLANT GARDENING
MEETING PLACE, DATES & TOPICS

Inside this Issue:

Mimulus
Memo



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